

Stakeholders



**ESRL Physical Sciences Division
Science Review
May 12-14, 2015**

PSD Stakeholders

PSD has a wide variety of stakeholders both from within and outside of NOAA. A representative sample is shown below. PSD stakeholders are users of PSD information, services and products, and often provide feedback on how those products can be improved. In contrast with PSD collaborators, stakeholders do not necessarily work closely with nor sponsor PSD staff to develop products, but rather inform their final form.

PSD Contact	Organization/Contact	What does PSD do that they care about?	Dates
Joseph Barsugli	U.S. Bureau of Reclamation	Develops spatially comprehensive, daily hydrometeorological data set for Mexico, the conterminous U.S., and southern Canada: 1950-2013	2014
Joseph Barsugli	U.S. Bureau of Reclamation	Provides expert guidance on use of climate information; analysis of climatic factors for precipitation extremes;	2008-present
Joseph Barsugli	The Nature Conservancy	Provides expert guidance on use of climate information Development of climate and hydrologic scenarios for landscape conservation activities	2009-2013
Joseph Barsugli	Denver Water, Various front range water entities	Provides expert guidance on use of climate information Interpretation of climate change scenarios	2008-present
Joseph Barsugli	U.S. Department of the Interior, and North Central Climate Science Center	Provides expert guidance on use of climate information Development of climate and hydrologic scenarios for landscape conservation activities Development of datasets, data analysis, and synthesis and assessment of science related to climate change, evapotranspiration, and drought	2012-present
Robert Cifelli Allen White	NOAA National Weather Service	Transitions research into operational weather prediction systems to improve forecasts	2000 - present
Robert Cifelli	NOAA National Weather Service	Transitions research into operational hydrologic prediction systems to improve forecasts	2013-present
Robert Cifelli	NOAA National Marine Fisheries Service	Conducts research to improve habitat for endangered fisheries (Habitat Blueprint - Russian River)	2013-present
Robert Cifelli Allen White	Sonoma County Water Agency	Precipitation observations and forecasts; frost forecasts	2012-present
Lisa Darby	Numerous federal, state, NGO, university, and municipal entities in the Southeast U.S. (e.g., NWS/SERFC; USACE/Mobile; states of AL and GA; FSU; UF - plus many more)	Coordination of weather, climate, and drought early warning information (through NIDIS)	2009-2014
Christopher Fairall	NOAA Climate Program Office Climate Observations Division	Deploys high-quality instruments on ship for quality assurance of the climate observations from buoys and research vessels.	2003 -present

PSD Contact	Organization/Contact	What does PSD do that they care about?	Dates
Thomas Hamill	NCEP Weather Prediction Center NWS Regions NWS Weather Forecast Offices	Provides experimental reforecast based guidance for probabilistic quantitative precipitation forecasts via web applications and in grib files	2010-present (with successive improvements)
Thomas Hamill	NWS Meteorological Development Lab	Provide methods for post-processing and blending of ensemble forecasts for use in the NWS National Blend of Models.	2014-present
Thomas Hamill	NWS Office of Hydrologic Development	Provides NCEP global ensemble reforecast data for the development of calibrated streamflow guidance.	2004-present
Thomas Hamill	NCEP Climate Prediction Center	Provides reforecasts and statistically post-processed forecast guidance for use in the 6-10 day and week +2 forecasts.	2004-present
Thomas Hamill	NCEP Storm Prediction Center	Provides experimental long-lead tornado probability forecasts.	2014-present
Thomas Hamill	Various, including universities, government labs, foreign researchers	Provides NCEP global ensemble reforecast data for a variety of research, development, and operational applications.	2004-present
Michael Hobbins	USGS North Central Climate Science Center (Imtiaz Rangwala)	Provision of climate-scale projections of evaporative demand for North Central CSC region (northern Great Plains) Assessment of optimal evaporative demand models and drivers	2015 (ongoing)
Michael Hobbins	USGS/EROS - Earth Resources Observation Systems, (Gabriel Senay)	Provision of daily, CONUS-wide ET0 (potential evapotranspiration) for actual ET input to USGS National Water Census	2015 (ongoing)
Michael Hobbins	FEWS NET - Famine Early Warning System Network, (Jim Verdin)	Provision of daily, E. Africa-wide ET) reanalysis for SPEI (Standardized Precipitation-Evapotranspiration Index) for FEWS NET-funded researchers	2015 (ongoing)
Michael Hobbins	NIDIS - National Integrated Drought Information Service , (Jim Verdin)	Provision of daily, CONUS-wide ET0 for EDDI (Evaporative Demand Drought Index) and drought monitoring and early warning for NIDIS stakeholders	2015 (ongoing)
Michael Hobbins	CO State Univ./CIRA CO State Climatologist Office, (Nolan Doesken, Wendy Ryan)	Weekly provision of EDDI at multiple temporal scales across CO	2015 (ongoing)
Michael Hobbins	U.S. Forest Service, Rocky Mountain Research Station, Ft. Collins, CO, (Charlotte Ham)	Monthly provision of 1-month EDDI for use in seasonal forecasting of large fires and their suppression costs	2015 (ongoing)
Martin Hoerling	NWS	Regular input to ENSO Diagnostic Discussion	2010-present
Martin Hoerling	U.S. Army Corps of Engineers	Assessment Report and ongoing studies for Missouri Basin Flooding	2012-current
Martin Hoerling	FEWS NET - Famine Early Warning System Network	Long term climate change impact on African monsoons	2011-current

PSD Contact	Organization/Contact	What does PSD do that they care about?	Dates
Martin Hoerling	U.S. Bureau of Reclamation	Mechanisms for regional climate change studies	2011-2013
Martin Hoerling	U.S. Army Corps of Engineers	Study of Devils Lake Flooding	2011-2012
Andrea Ray	NOAA National Marine Fisheries Service, (Sue Walker)	Provides knowledge on climate risks for habitat planning	2011-present
Andrea Ray	Stephen Torbit Assistant Regional Director Science Applications USFWS Region 6	Provides expert guidance on use of climate projections in FWS management and trust resource issues, including science planning, endangered species issues, risks of climate change to habitats, climate issues that FWS should be aware of	20121-present
Allen White	California Department of Water Resources	Deploys specialized observing networks and conducts observationally based physical process studies aimed at improving hydrometeorological forecasts of high impact events	2008-present
James Wilczak	U.S. Department of Energy Various wind farm operators, and other energy partners in the private sector	Deploys instruments to conduct research leading to improved wind energy forecasts	WFIP 1: 2011-2013 WFIP 2: 2015-2017
Heather Yocum	U.S. Fish and Wildlife Service Plains and Prairie Potholes Landscape Conservation Cooperative	Provides knowledge on climate risks for habitat and ecosystem planning and management; solicits stakeholder perspectives on climate information needs	2014-present